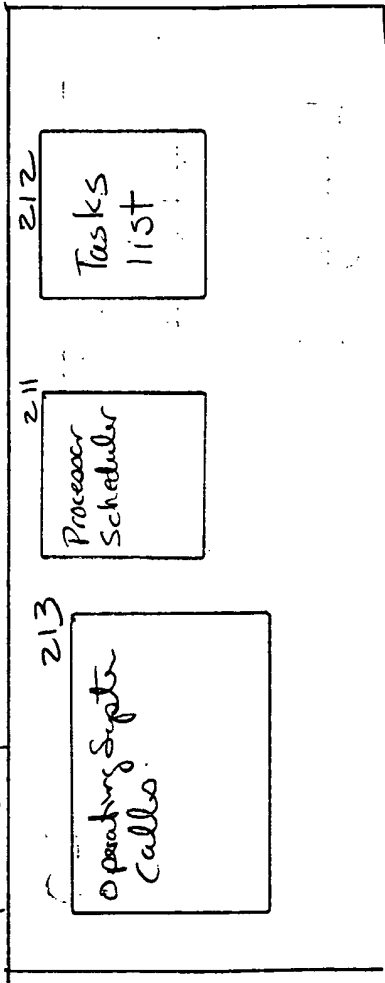


Figure 1

210

Operating System



220

User Program

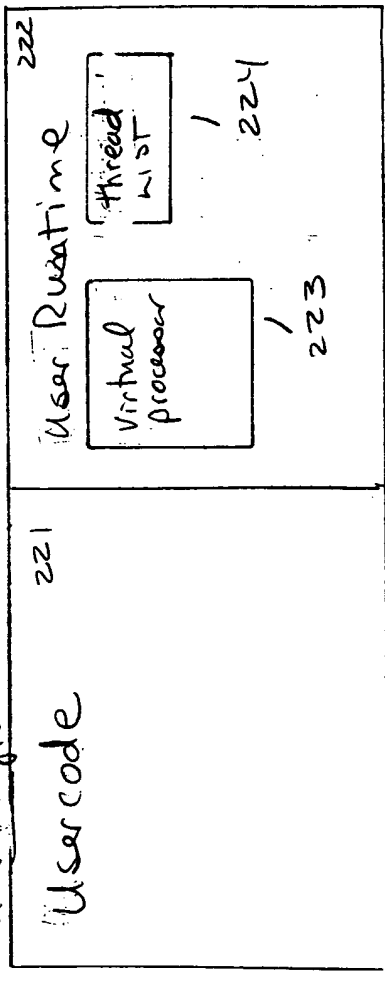


Figure 2

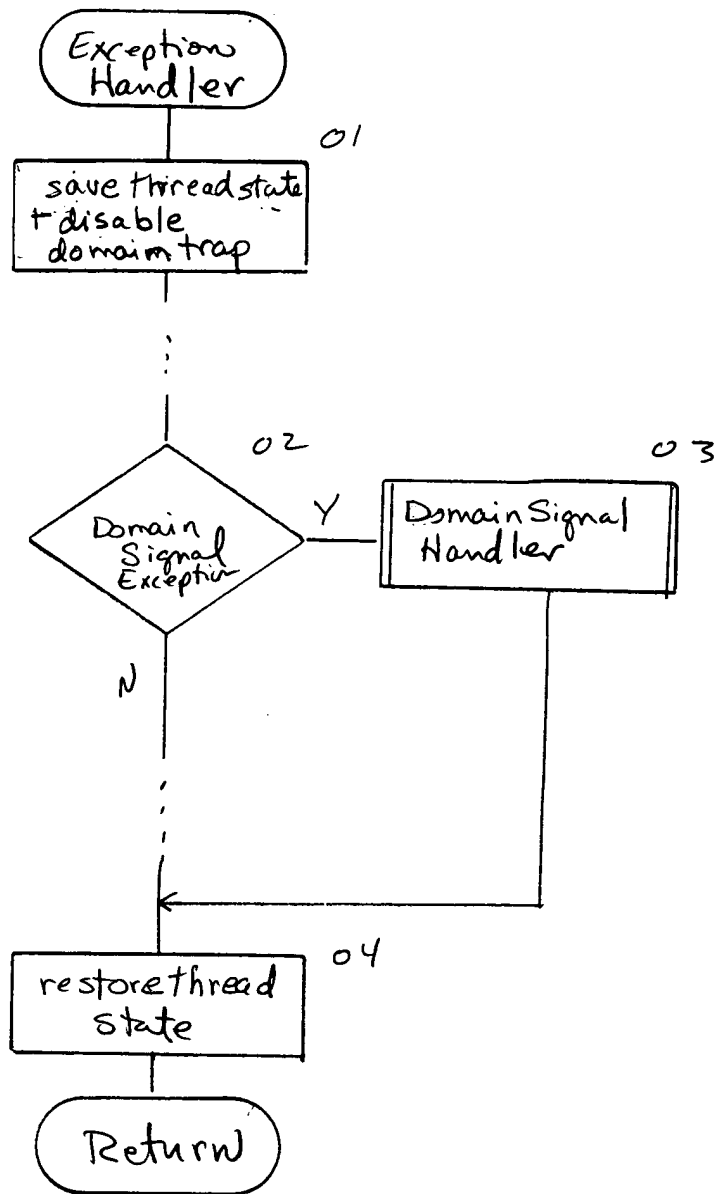


Fig 3

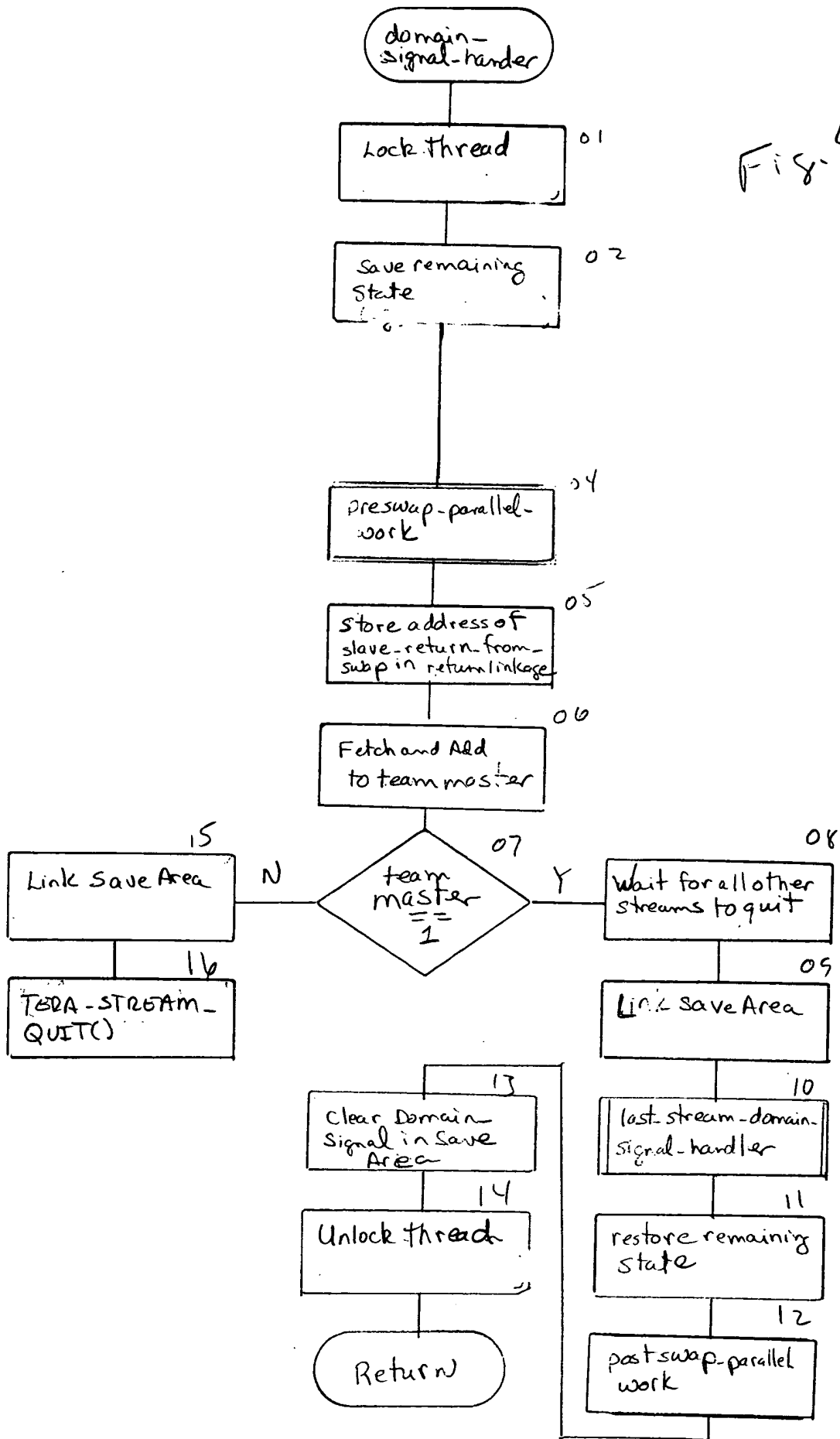
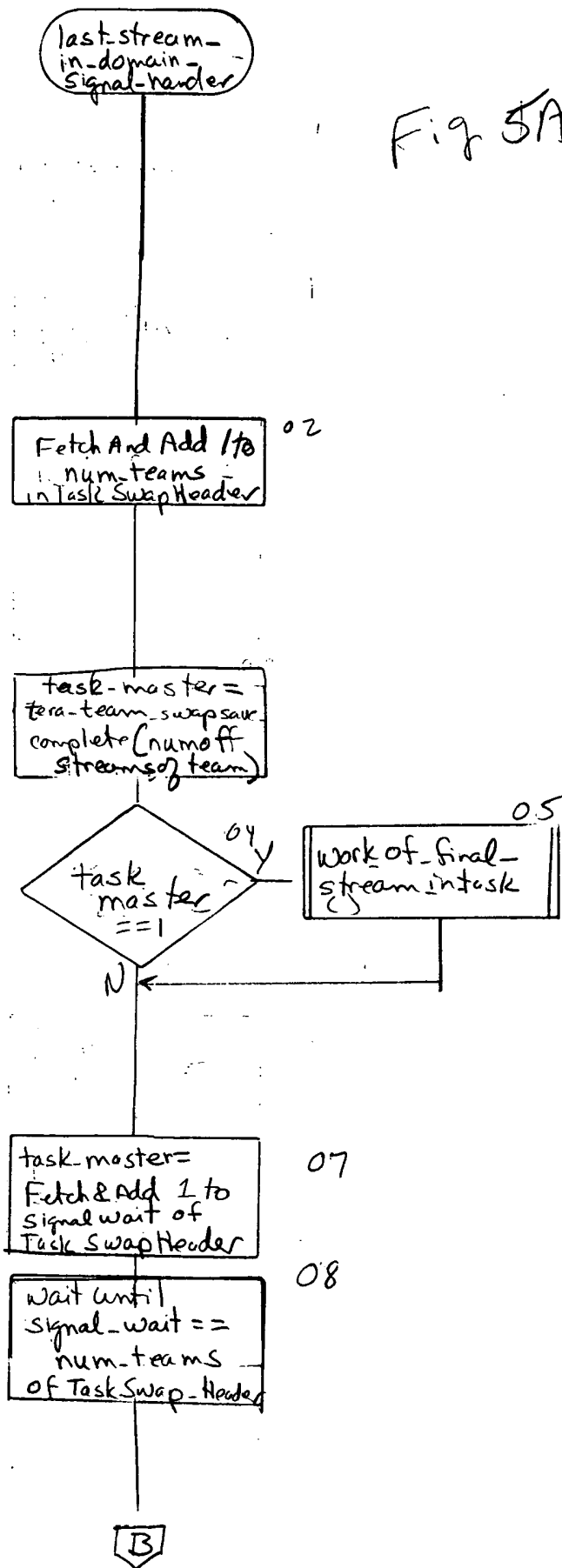
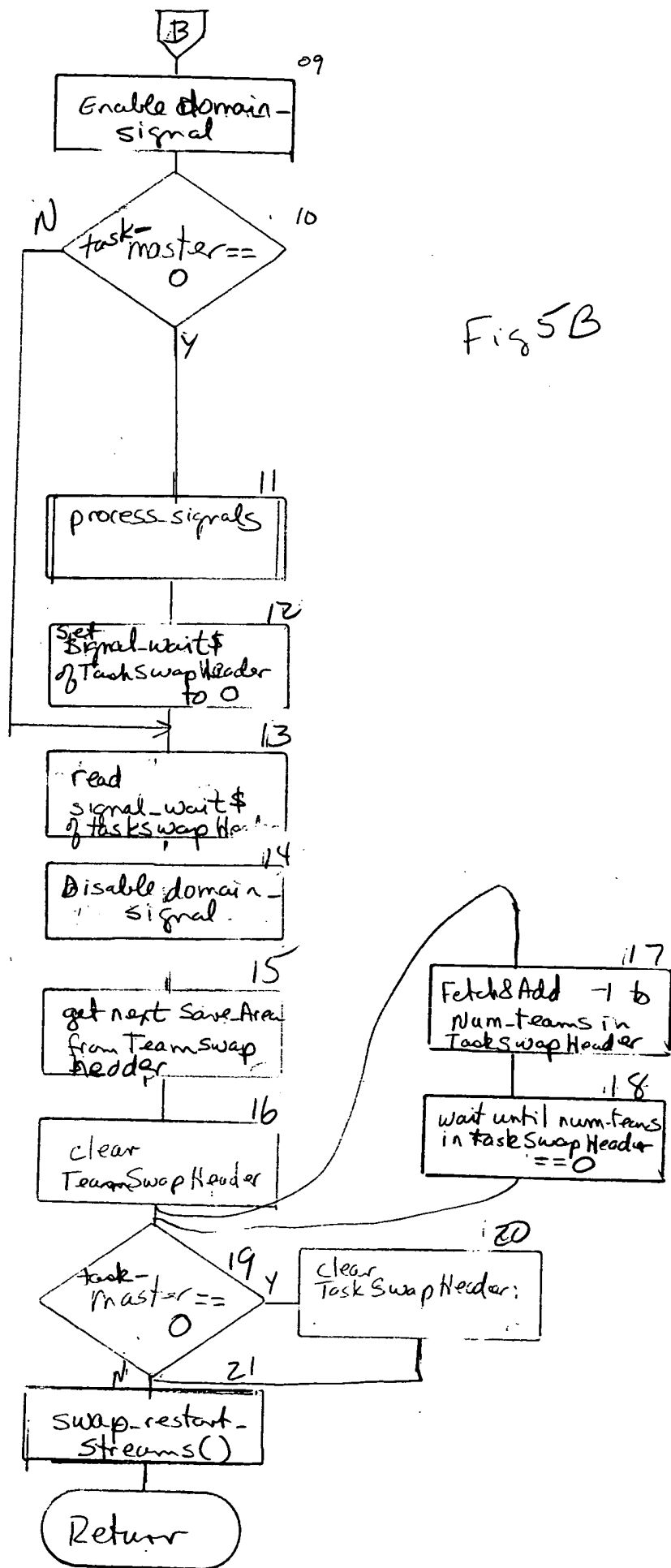


Fig 5A





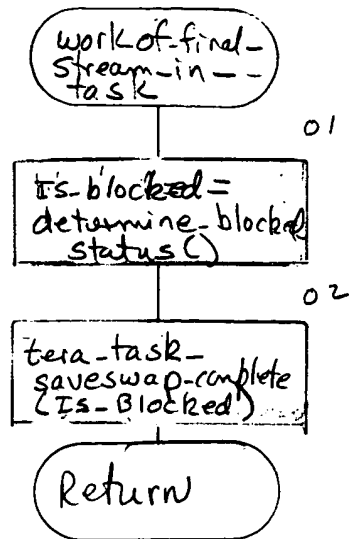


Fig-6

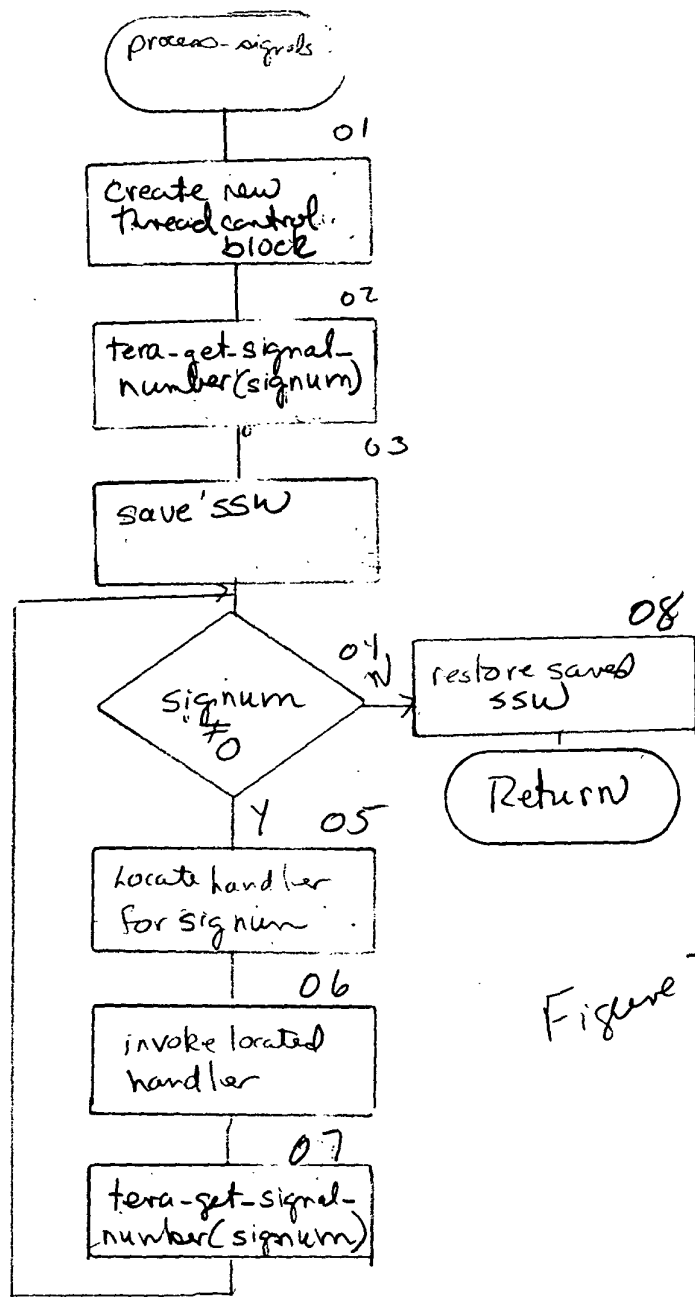


Figure 7



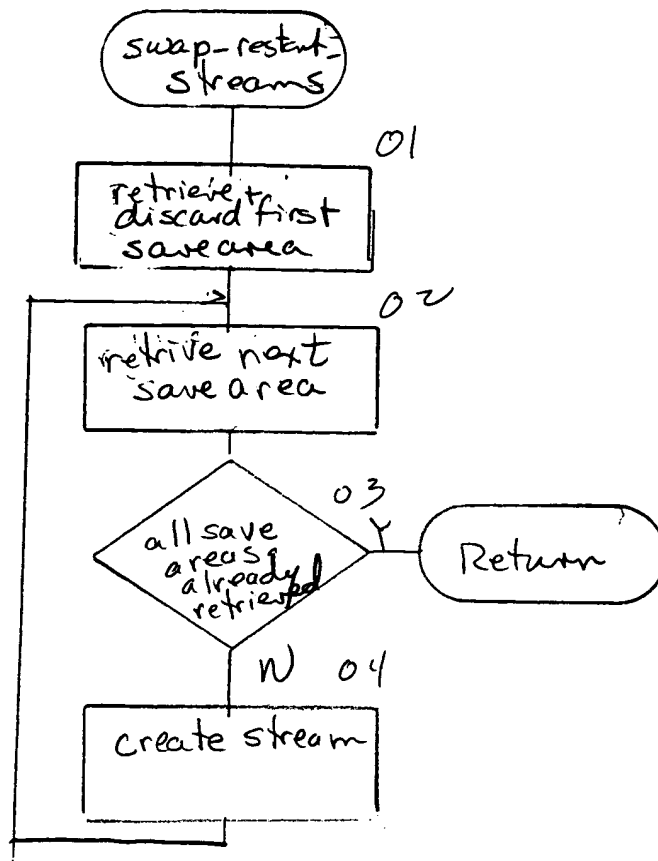


Fig 8

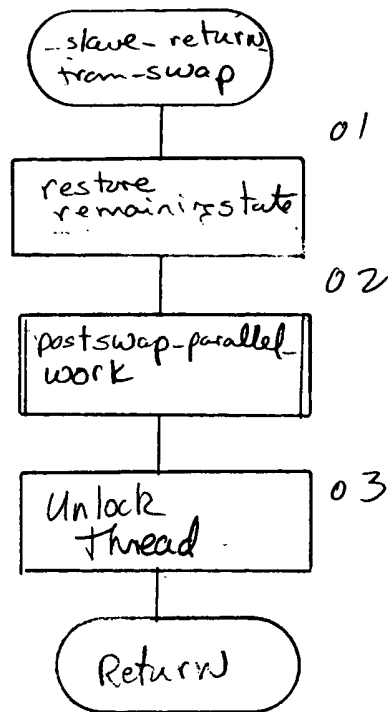
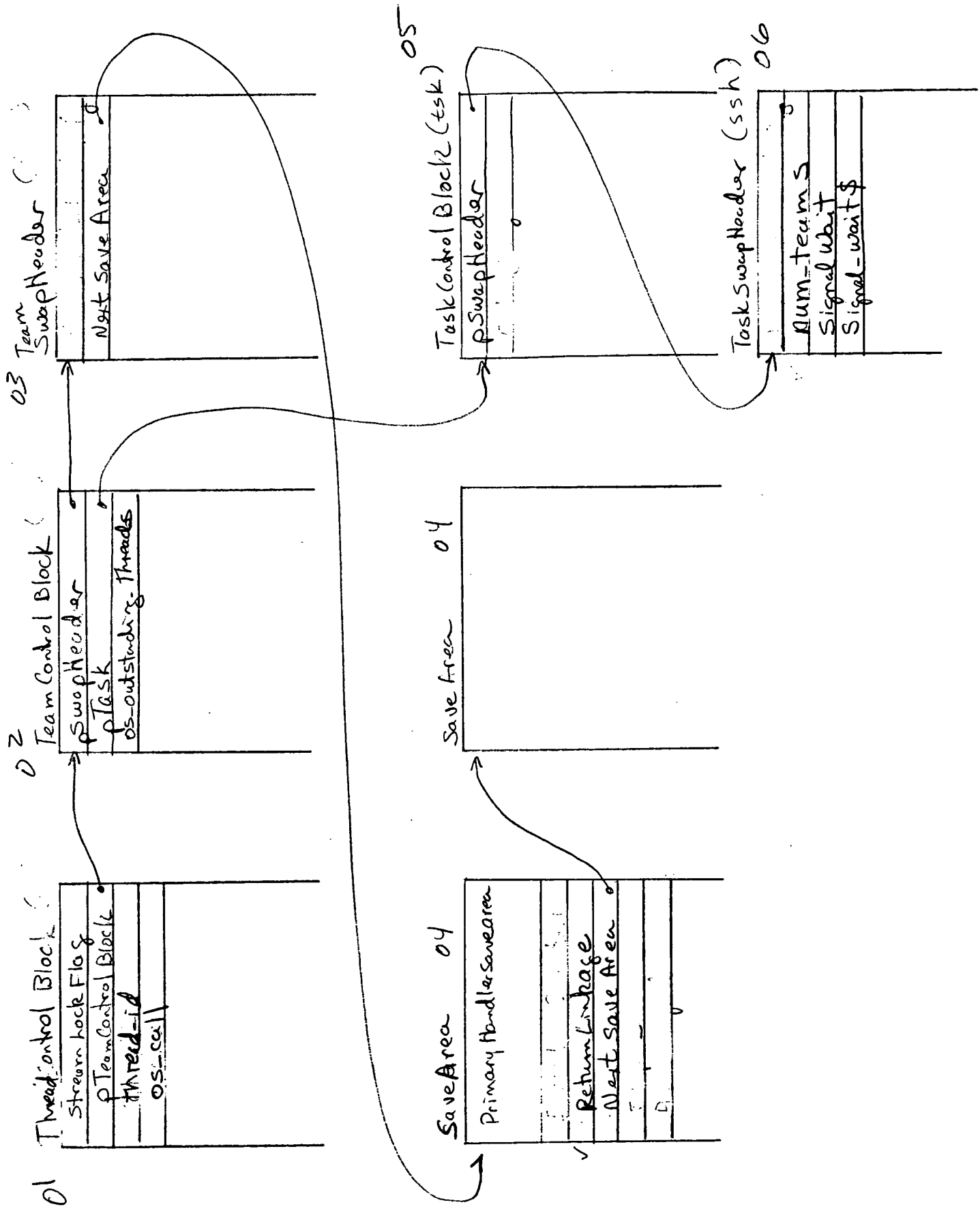


Fig 9

Figure 10



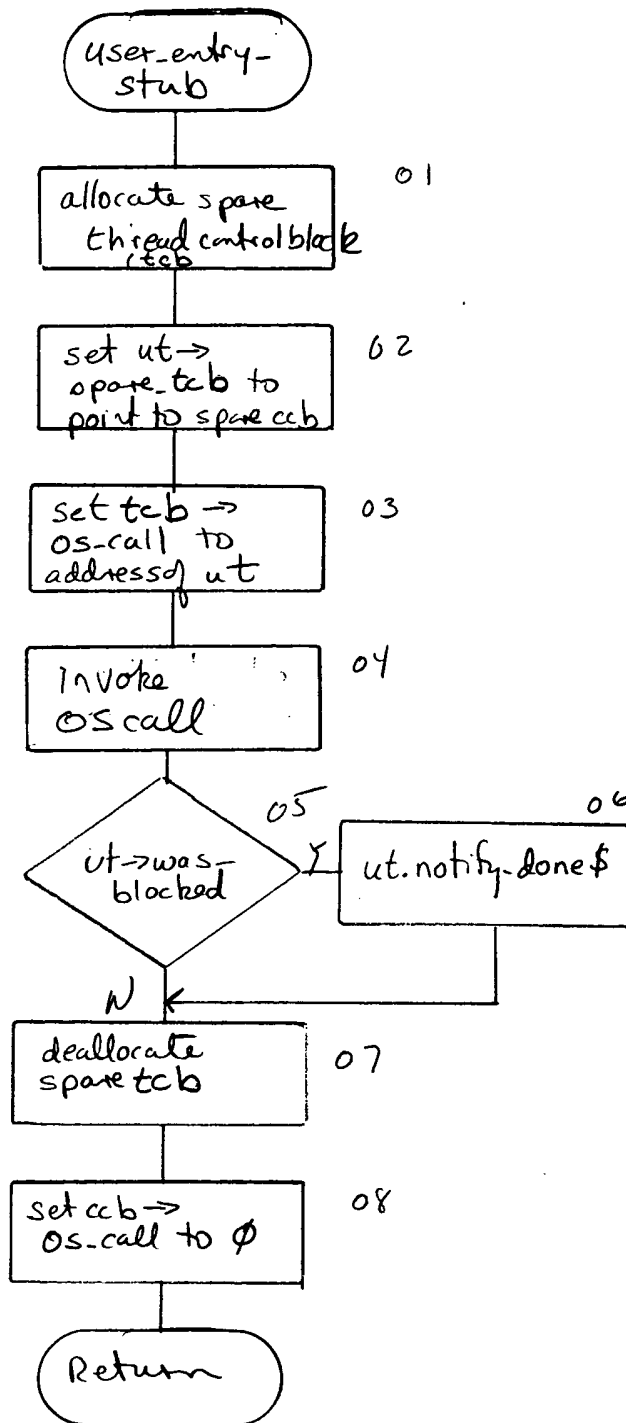


Fig 11

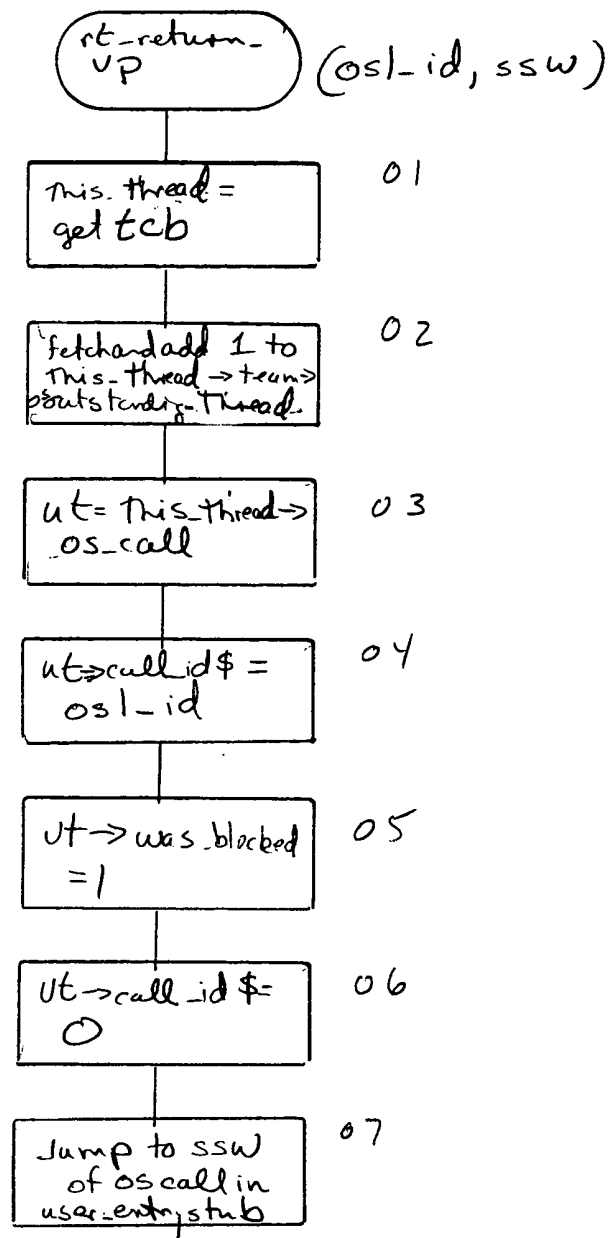


Fig 12

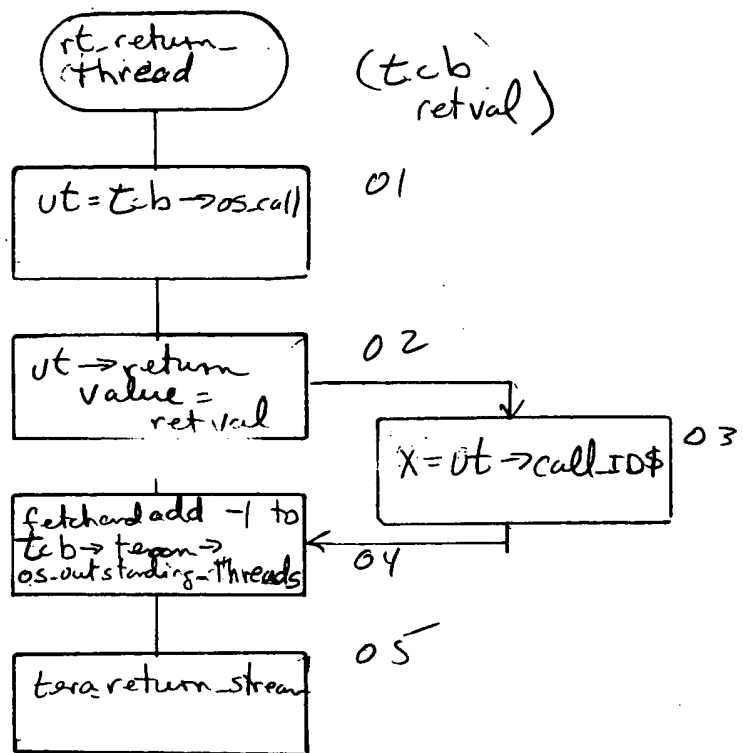


Fig 13

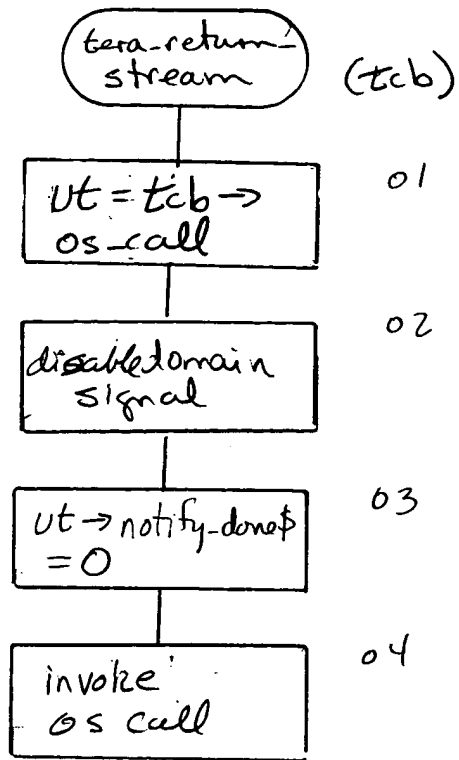


Fig 14

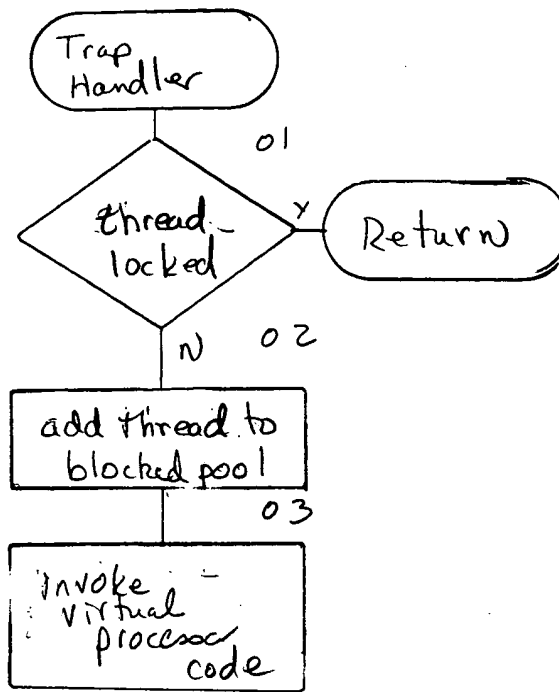


Fig 15



USER STREAM 1601

OS STREAM 1602

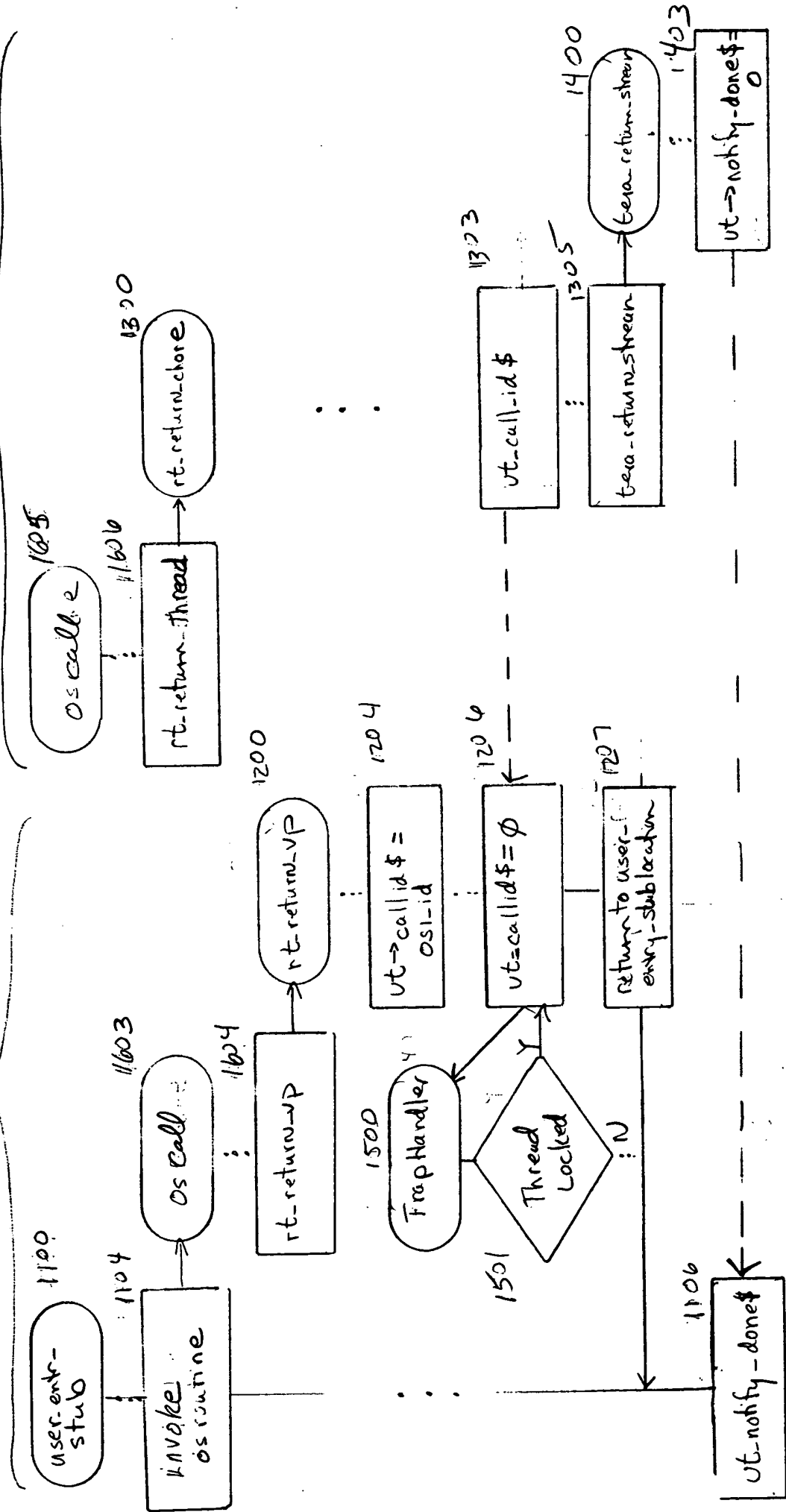


Fig 16A

ut

was blocked
call-id \$
not-fy-done \$
spark-tab
return value

Figure 16B

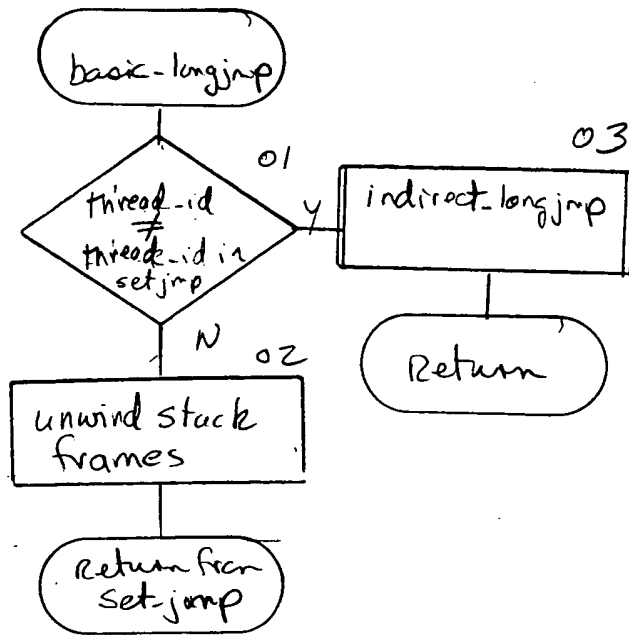


Fig 17

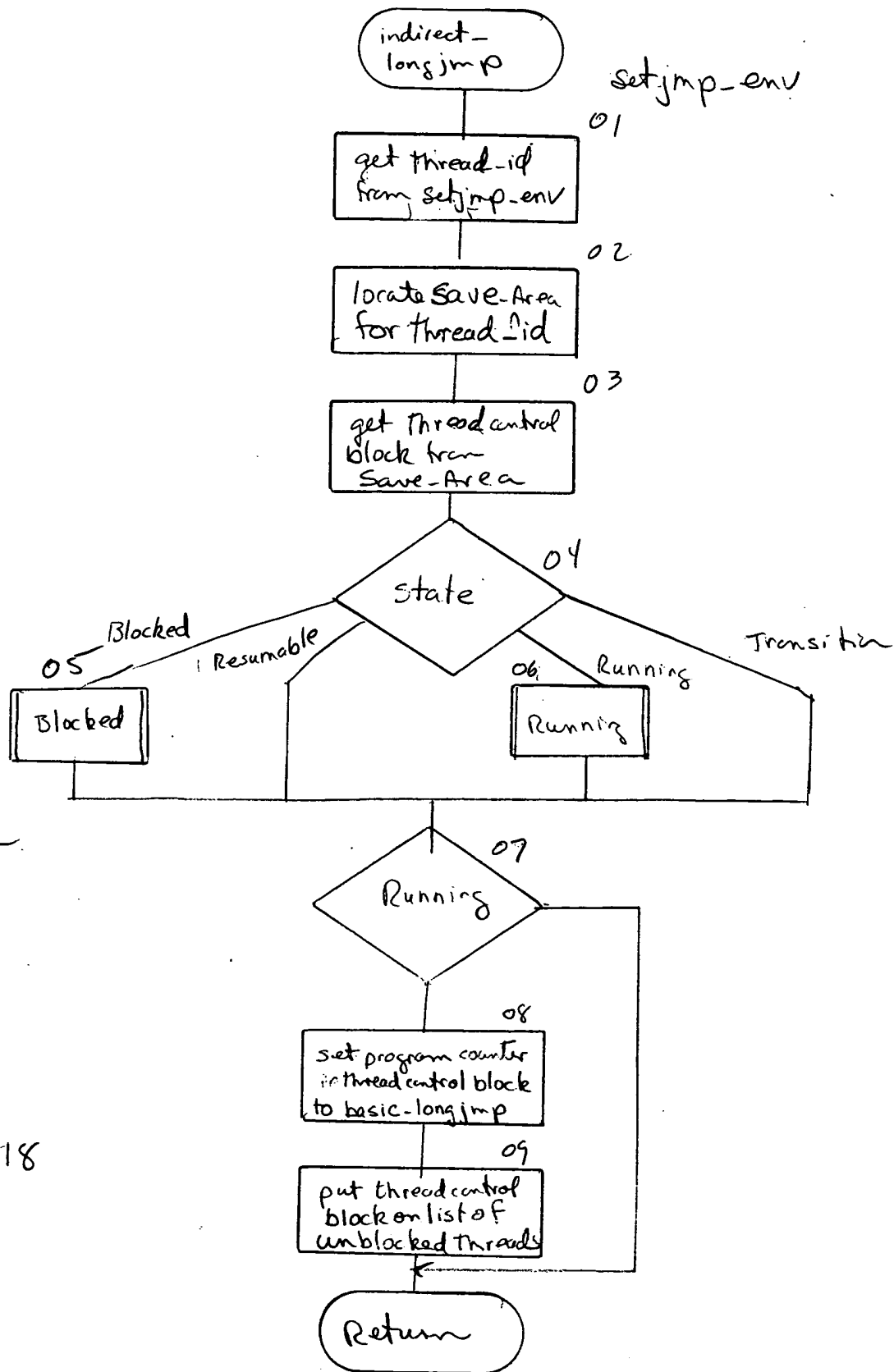


Fig 18

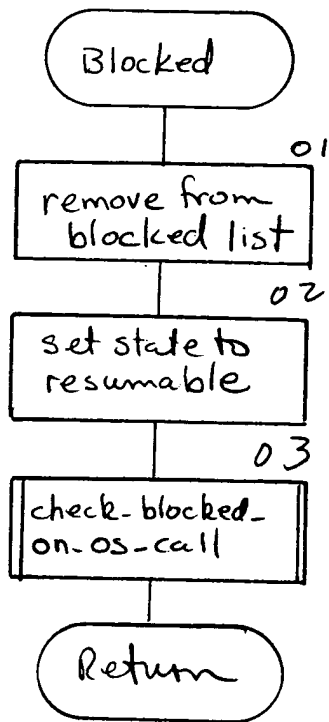


Fig 19

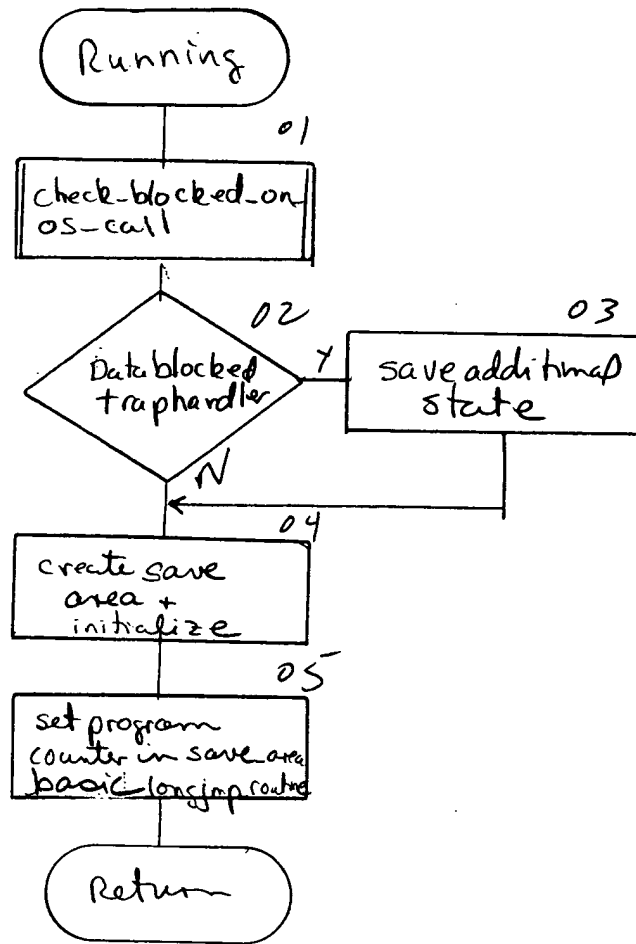


Fig 20

Fig 21-

